Application Submit | Submit |

DOMESTICAL STREET		<u> </u>			ν.	
	Content	Mailroom Date	Entry Number	IDS Review	Last Modified	Reviewer
	M844	2004-08-30	15	Y 🗹	2007-01-07 08:21:09.0	cbritt
	M844	2004-04-21	13	Y 🗹	2007-01-07 08:22:22.0	cbritt

Update

SEARCH HISTORY

File 347: JAPIO Dec 1976-2006/Aug(Updated 061130) (c) 2006 JPO & JAPIO File 350:Derwent WPIX 1963-2006/UD=200701 (c) 2007 The Thomson Corporation Set Items Description 22091 S1 TEST???(1W)PATTERN? ? OR TESTPATTERN? OR TP OR TPS **S2** 786827 PATTERN? ? ECC OR ECCS OR EDAC OR EDACS OR EDC OR EDCS DEBUG? OR DE()(BUG? ? OR BUGG???) s3 5134 11446 **S4** 808715 DEFECT? OR NONFUNCTION? OR UNFUNCTION? OR INVALID? OR FAIL? **S**5 OR FAULT? OR DEFICIEN? OR ABNORMA? 911331 **S6** DETERIORAT? OR BAD OR DAMAG? OR ORPHAN OR ATYPICA? OR FLAW? OR IMPAIR? OR IMPERFECT? OR ABERRA? **S7** 96861 NONCONFORM? OR MALFUNCTION? OR INOPERA? OR DYSFUNCTION? OR DISFUNCTION? OR BUG? ? OR BUGGY DEVIANT? OR DEVIAT? OR IRREGULAR? OR CORRUPT? OR DISTORT? -608318 58 OR DISCREPAN? OR DEGRAD? OR DISPARAT? 58706 IMPROPER? OR INCORRECT? OR INACCURA? s9 **S10** 231394 S5:S9(3N)(DETECT???? OR DISCERN? OR FIND??? OR FOUND OR SC-RUTIN? OR DETERMIN? OR UNCVOER? OR REVEAL? OR EXPOS??? OR EXP-OSITION? ?) **S11** S5:S9(3N)(CHECK??? OR CHEOU? OR SPOT??? OR SPOTT??? OR DIA-GNOS? OR DEREFERENC? OR DISCOVER? OR UNCOVER? OR LBIST OR MBI-**S12** 12286 S5:S9(3N)(AUTOTEST? OR DX OR SURVEY??? OR SURVEIL? OR DISC-RIMINAT? OR VERIFY? OR VERIFICAT? OR VERIFIE?? ? OR ANALYT?) S5:S9(3N) (ANALYZ? OR ANALYS? OR ASSESS? OR SELFDIAGNOS? OR SELFTEST? OR SELFCHECK? OR SELFCHEQU? OR DET? ? OR BIST)
S5:S9(3N) (LOCATING OR LOCATE? ? OR REVIEW? OR IDENTIFY? OR **S13 S14** IDENTIFIE?? OR INDENTIFICAT? OR EVALUAT? OR SENS??? OR JUDGE?-????) S5:S9(3N)(JUDG????? OR RECOGNIT? OR RECOGNIZ? OR RECOGNIS? **S15** 93889 OR INSPECT???? OR MONITOR? OR TRACK? OR TEST???) 8893 **S16** S5:S9(3N)(FILTER? OR FILTRE? OR FILTRATION?) 8847 S5:S9(3N)FILTER??? **S17 S18** 3606426 PROBLEM? ? OR UNUSUAL OR PROBLEMATIC OR WRONG OR EXCEPTION? ? OR MISTAKE? ? OR INOPERA? s19 80877 (ERROR? ? OR S18)(3N)(DETECT???? OR DISCERN? OR FIND??? OR FOUND OR SCRUTIN? OR DETERMIN? OR UNCVOER? OR REVEAL? OR EXPO-S??? OR EXPOSITION? ?) (ERROR? ? OR S18)(3N)(CHECK??? OR CHEQU? OR SPOT??? OR SPO-**S20** 12899 TT??? OR DIAGNOS? OR DEREFERENC? OR DISCOVER? OR UNCOVER? OR -LBIST OR MBIST) **S21** (ERROR? ? OR S18)(3N)(AUTOTEST? OR DX OR SURVEY??? OR SURV-EIL? OR DISCRIMINAT? OR VERIFY? OR VERIFICAT? OR VERIFIE?? ? -OR ANALYT?) (ERROR? ? OR S18)(3N)(ANALYZ? OR ANALYS? OR ASSESS? OR SEL-**S22** FDIAGNOS? OR SELFTEST? OR SELFCHECK? OR SELFCHEQU? OR DET? ? -OR BIST) **S23** (ERROR? ? OR S18)(3N)(LOCATING OR LOCATE? ? OR REVIEW? OR -16169 IDENTIFY? OR IDENTIFIE?? OR INDENTIFICAT? OR EVALUAT? OR SENS-??? OR JUDGE?????) **S24** (ERROR? ? OR S18)(3N)(JUDG????? OR RECOGNIT? OR RECOGNIZ? -OR RECOGNIS? OR INSPECT???? OR MONITOR? OR TRACK? OR TEST???) **S25** 3890 (ERROR? ? OR S18)(3N)(FILTER??? OR FILTRE? OR FILTRATION?) **S26** (TROUBLESHOOT? OR TROUBLE()SHOOT???)(3N)(S5:S9 OR ERROR? ? 485 OR S18) (S10:S17 OR S19:S26)(3N)(CODE? ? OR CODING OR PROGRAMCOD? - OR PROGRAM? ? OR PROGRAMME OR PROGRAMMES OR SUBPROGRAM? OR RO-13122 S27 UTINE? ?) **S28** 10112 (\$10:\$17 OR \$19:\$26)(3N)(SUBROUTINE? OR MICROCOD? OR SOURC-ECOD? OR INSTRUCTION? OR PROCEDURE? OR FUNCTION? ? OR SCRIPT?

```
S29
           3952
                   54(3N)(CODE? ? OR CODING OR PROGRAMCOD? OR PROGRAM? ? OR P-
               ROGRAMME OR PROGRAMMES OR SUBPROGRAM? OR ROUTINE? ?)
530
                   S4(3N)(SUBROUTINE? OR MICROCOD? OR SOURCECOD? OR INSTRUCTI-
               ON? OR PROCEDURE? OR FUNCTION? ? OR SCRIPT? ?)
               ($3 OR $27:$30)(8N)(BASING OR BASE? ? OR BASIS)
($3 OR $27:$30)(8N)(GENERAT???? OR SOURCE OR SOURCES OR OR-
IGINAT? OR PROPAGAT? OR PRODUCE? ? OR PRODUCING OR PRODUCTION?
          1880
S31
S32
           3871
S33
                   (S3 OR S27:S30)(8N)(PROD? ? OR CREAT???? OR SYNTHESI? OR D-
               ERIV??? OR DERIVATION? ?)
S34
           174
                   S31:S33(15N)S1:S2
S35
           173
                   S34 NOT (PROTEIN? ? OR ACID? ? OR DNA OR RNA OR ENZYME? ?)
                   TPG OR TPGS OR ATPG OR ATPGS OR APG OR APGS OR ALPG OR ALP-
S36
           868
               GS
S37
                   S31:S33 AND S36
S35 NOT S37
s38
            168
             29
S39
                   S38 AND S1
S40
              4
                   S39 AND AC=US/PR AND AY=(1963:2003)/PR
S41
              6
                   S39 AND AC=US AND AY=1963:2003
S42
              6
                   S39 AND AC=US AND AY=(1963:2003)/PR
                   S39 AND PY=1963:2003
S43
             19
544
             20
                   S40:S43
```

```
File 348:EUROPEAN PATENTS 1978-2006/ 200652
          (c) 2006 European Patent Office
File 349:PCT FULLTEXT 1979-2006/UB=20061228UT=20061221
          (c) 2006 WIPO/Thomson
Set
         Items
                 Description
                 TEST???(1W)PATTERN? ? OR TESTPATTERN? OR TP OR TPS
         37200
S1
S2
        390943
                 PATTERN? ?
                 ECC OR ECCS OR EDAC OR EDACS OR EDC OR EDCS DEBUG? OR DE()(BUG? ? OR BUGG???)
S3
        19938
S4
          8544
S5
        561298
                 DEFECT? OR NONFUNCTION? OR UNFUNCTION? OR INVALID? OR FAIL?
               OR FAULT? OR DEFICIEN? OR ABNORMA?
S6
        567126
                 DETERIORAT? OR BAD OR DAMAG? OR ORPHAN OR ATYPICA? OR FLAW?
               OR IMPAIR? OR IMPERFECT? OR ABERRA?
NONCONFORM? OR MALFUNCTION? OR INOPERA? OR DYSFUNCTION? OR
S7
        97465
              DISFUNCTION? OR BUG? ? OR BUGGY
DEVIANT? OR DEVIAT? OR IRREGULAR? OR CORRUPT? OR DISTORT? -
S8
        556535
              OR DISCREPAN? OR DEGRAD? OR DISPARAT?
S9
       105677
                 IMPROPER? OR INCORRECT? OR INACCURA?
S10
                 S5:S9(3N)(DETECT???? OR DISCERN? OR FIND??? OR FOUND OR SC-
       128073
              RUTIN? OR DETERMIN? OR UNCVOER? OR REVEAL? OR EXPOS??? OR EXP-
              OSITION? ?)
S11
        30306
                 S5:S9(3N)(CHECK??? OR CHEQU? OR SPOT??? OR SPOTT??? OR DIA-
              GNOS? OR DEREFERENC? OR DISCOVER? OR UNCOVER? OR LBIST OR MBI-
S12
          8176
                 S5:S9(3N)(AUTOTEST? OR DX OR SURVEY??? OR SURVEIL? OR DISC-
              RIMINAT? OR VERIFY? OR VERIFICAT? OR VERIFIE?? ? OR ANALYT?)
S13
                 S5:S9(3N)(ANALYZ? OR ANALYS? OR ASSESS? OR SELFDIAGNOS? OR
              SELFTEST? OR SELFCHECK? OR SELFCHEQU? OR DET? ? OR BIST)
        55488
S14
                 S5:S9(3N)(LOCATING OR LOCATE? ? OR REVIEW? OR IDENTIFY? OR
              IDENTIFIE?? OR INDENTIFICAT? OR EVALUAT? OR SENS??? OR JUDGE?-
S15
        64532
              S5:S9(3N)(JUDG????? OR RECOGNIT? OR RECOGNIZ? OR RECOGNIS? OR INSPECT???? OR MONITOR? OR TRACK? OR TEST???)
                 S5:S9(3N)(FILTER? OR FILTRE? OR FILTRATION?)
S5:S9(3N)FILTER???
         9266
S16
S17
        10420
      1109589
                 PROBLEM? ? OR UNUSUAL OR PROBLEMATIC OR WRONG OR EXCEPTION?
S18
               ? OR MISTAKE? ? OR INOPERA?
S19
        96350
                 (ERROR? ? OR S18)(3N)(DETECT???? OR DISCERN? OR FIND??? OR
              FOUND OR SCRUTIN? OR DETERMIN? OR UNCVOER? OR REVEAL? OR EXPO-
              S??? OR EXPOSITION? ?)
S20
        26644
                 (ERROR? ? OR S18)(3N)(CHECK??? OR CHEQU? OR SPOT??? OR SPO-
              TT??? OR DIAGNOS? OR DEREFERENC? OR DISCOVER? OR UNCOVER? OR -
              LBIST OR MBIST)
S21
          5699
                 (ERROR? ? OR S18)(3N)(AUTOTEST? OR DX OR SURVEY??? OR SURV-
              EIL? OR DISCRIMINAT? OR VERIFY? OR VERIFICAT? OR VERIFIE?? ? -
              OR ANALYT?
        10981
                 (ERROR? ? OR S18)(3N)(ANALYZ? OR ANALYS? OR ASSESS? OR SEL-
S22
              FDIAGNOS? OR SELFTEST? OR SELFCHECK? OR SELFCHEQU? OR DET? ? -
              OR BIST)
S23
        35472
                 (ERROR? ? OR S18)(3N)(LOCATING OR LOCATE? ? OR REVIEW? OR -
              IDENTIFY? OR IDENTIFIE?? OR INDENTIFICAT? OR EVALUAT? OR SENS-
??? OR JUDGE?????)
S24
        40461
                 (ERROR? ? OR S18)(3N)(JUDG????? OR RECOGNIT? OR RECOGNIZ? -
              OR RECOGNIS? OR INSPECT???? OR MONITOR? OR TRACK? OR TEST???)

(ERROR? ? OR S18)(3N)(FILTER??? OR FILTRE? OR FILTRATION?)
S25
        11520
S26
         1318
                 (TROUBLESHOOT? OR TROUBLE()SHOOT???)(3N)(S5:S9 OR ERROR??
              OR S18)
        14672
S27
                 ($10:$17 OR $19:$26)(3N)(CODE? ? OR CODING OR PROGRAMCOD? -
              OR PROGRAM? ? OR PROGRAMME OR PROGRAMMES OR SUBPROGRAM? OR RO-
              UTINE? ?)
S28
        13079
                 (S10:S17 OR S19:S26)(3N)(SUBROUTINE? OR MICROCOD? OR SOURC-
              ECOD? OR INSTRUCTION? OR PROCEDURE? OR FUNCTION? ? OR SCRIPT?
```

```
S29
                    S4(3N)(CODE? ? OR CODING OR PROGRAMCOD? OR PROGRAM? ? OR P-
                 ROGRAMME OR PROGRAMMES OR SUBPROGRAM? OR ROUTINE? ?)
S30
           1000
                     S4(3N)(SUBROUTINE? OR MICROCOD? OR SOURCECOD? OR INSTRUCTI-
                ON? OR PROCEDURE? OR FUNCTION? ? OR SCRIPT? ?)
s31
           2641
                     (S3 OR S27:S30)(8N)(BASING OR BASE? ? OR BASIS)
S32
           4622
                     ($3 OR $27:$30) (8N) (GENERAT???? OR SOURCE OR SOURCES OR OR-
                IGINAT? OR PROPAGAT? OR PRODUCE? ? OR PRODUCING OR PRODUCTION?
S33
                     (S3 OR S27:S30)(8N)(PROD? ? OR CREAT???? OR SYNTHESI? OR D-
           1205
                ERIV??? OR DERIVATION? ?)
             205
S34
                    S31:S33(15N)S1:S2
S35
            190
                    S34 NOT (PROTEIN? ? OR ACID? ? OR DNA OR RNA OR ENZYME? ?)
                    IC='G06F-011'
S36
          10634
S37
           1679
                    IC='G06F-0011'
S38
           8698
                    IC='G06F-012'
s39
                    IC='G06F-0012'
           1603
S40
                    S35 AND S36:S39
              31
S41
           4651
                    DUT OR DUTS OR DEVICE? ?()UNDER()TEST???
CHIP? ? OR MICROCHIP? ? OR SILICONCHIP? OR COMPUTERCHIP? OR
S42
         185711
                  MICROCIRCUIT?
                    DIE OR DIES OR DICE OR DICES OR (SI OR SILICON)()BLOCK? ? ASIC OR ASICS OR PCB OR PCBS OR SOC OR SOCS CIRCUIT? OR CKT? ? OR WAFER? ? OR IC OR ICS OR ICC OR ICCS
       1100981
S43
S44
        137335
S45
         779493
                OR SEMICOND? ? OR SEMICONDUCT? OR SEMI()(COND? ? OR CONDUCT??-
S46
         364644
                FET OR FETS OR FED OR FEDS OR MOS OR CMOS OR JFET? OR MOSF-
ET? OR FIELD()EFFECT? ?()(DEVICE? ? OR TRANSIST?R? ?)
                FLASHMEMOR? OR FLASHSTOR? OR PROM OR PROMS OR ROM OR ROMS - OR EPROM? ? OR EPROM? ? OR E2PROM? ? OR EAROM? ? OR EAPROM? OR CDROM? ?
S47
         188431
                    NVM? ? OR NVS OR NVRAM?
S48
           3265
S49
                  (NONVOLATILE OR NON() VOLATILE OR NV OR FLASH) (1W) (MEMOR? OR STOR??? OR LOCATION? ? OR AREA? ? OR RAM? ? OR RAS)
          60950
s50
          31250
                    FLASH(1W) (MEMOR? OR STOR??? OR RAM? ?)
S51
                    S35(50N)S41:S50
              58
S52
S53
              27
                    S35(25N) (MEMOR??? OR STORAGE)
              87
                    S40 OR S51:S52
              29
S54
                    S53 AND AC=US/PR AND AY=(1963:2003)/PR
S55
              29
                    S53 AND AC=US AND AY=1963:2003
S53 AND AC=US AND AY=(1963:2003)/PR
              29
S56
S57
              67
                    S53 AND PY=1963:2003
S58
              71
                    S54:S57
```

```
Set
        Items
                Description
S1
        37200
                TEST???(1W)PATTERN? ? OR TESTPATTERN? OR TP OR TPS
S2
       390943
                 PATTERN? ?
S3
                ECC OR ECCS OR EDAC OR EDACS OR EDC OR EDCS DEBUG? OR DE()(BUG? ? OR BUGG???)
        19938
S4
         8544
S5
       561298
                DEFECT? OR NONFUNCTION? OR UNFUNCTION? OR INVALID? OR FAIL?
              OR FAULT? OR DEFICIEN? OR ABNORMA?
S6
       567126
                DETERIORAT? OR BAD OR DAMAG? OR ORPHAN OR ATYPICA? OR FLAW?
              OR IMPAIR? OR IMPERFECT? OR ABERRA?
                NONCONFORM? OR MALFUNCTION? OR INOPERA? OR DYSFUNCTION? OR
S7
        97465
             DISFUNCTION? OR BUG? ? OR BUGGY
S8
       556535
                DEVIANT? OR DEVIAT? OR IRREGULAR? OR CORRUPT? OR DISTORT? -
             OR DISCREPAN? OR DEGRAD? OR DISPARAT?
S9
       105677
                 IMPROPER? OR INCORRECT? OR INACCURA?
S10
       128073
                 S5:S9(3N)(DETECT???? OR DISCERN? OR FIND??? OR FOUND OR SC-
             RUTIN? OR DETERMIN? OR UNCVOER? OR REVEAL? OR EXPOS??? OR EXPOSITION? ?)
                S5:S9(3N)(CHECK??? OR CHEQU? OR SPOT??? OR SPOTT??? OR DIA-
S11
        30306
             GNOS? OR DEREFERENC? OR DISCOVER? OR UNCOVER? OR LBIST OR MBI-
S12
         8176
                S5:S9(3N)(AUTOTEST? OR DX OR SURVEY??? OR SURVEIL? OR DISC-
             RIMINAT? OR VERIFY? OR VERIFICAT? OR VERIFIE?? ? OR ANALYT?)
                S5:S9(3N)(ANALYZ? OR ANALYS? OR ASSESS? OR SELFDIAGNOS? OR
        18737
S13
             SELFTEST? OR SELFCHECK? OR SELFCHEQU? OR DET? ? OR BIST)
S14
        55488
                S5:S9(3N)(LOCATING OR LOCATE? ? OR REVIEW? OR IDENTIFY? OR
             IDENTIFIE?? OR INDENTIFICAT? OR EVALUAT? OR SENS??? OR JUDGE?-
             ????)
             2 S5:S9(3N)(JUDG????? OR RECOGNIT? OR RECOGNIZ? OR RECOGNIS? OR INSPECT???? OR MONITOR? OR TRACK? OR TEST???)
S15
        64532
S16
         9266
                S5:S9(3N)(FILTER? OR FILTRE? OR FILTRATION?)
S17
        10420
                $5:$9(3N)FILTER???
                PROBLEM? ? OR UNUSUAL OR PROBLEMATIC OR WRONG OR EXCEPTION?
S18
      1109589
              ? OR MISTAKE? ? OR INOPERA?
S19
        96350
                 (ERROR? ? OR S18)(3N)(DETECT???? OR DISCERN? OR FIND??? OR
             FOUND OR SCRUTIN? OR DETERMIN? OR UNCVOER? OR REVEAL? OR EXPO-
             S??? OR EXPOSITION? ?)
S20
                 (ERROR? ? OR S18)(3N)(CHECK??? OR CHEQU? OR SPOT??? OR SPO-
             TT??? OR DIAGNOS? OR DEREFERENC? OR DISCOVER? OR UNCOVER? OR -
             LBIST OR MBIST)
S21
         5699
                 (ERROR? ? OR S18)(3N)(AUTOTEST? OR DX OR SURVEY??? OR SURV-
             EIL? OR DISCRIMINAT? OR VERIFY? OR VERIFICAT? OR VERIFIE?? ? -
             OR ANALYT?)
S22
        10981
                 (ERROR? ? OR S18)(3N)(ANALYZ? OR ANALYS? OR ASSESS? OR SEL-
             FDIAGNOS? OR SELFTEST? OR SELFCHECK? OR SELFCHEQU? OR DET? ? -
             OR BIST)
S23
        35472
                 (ERROR? ? OR S18)(3N)(LOCATING OR LOCATE? ? OR REVIEW? OR -
             IDENTIFY? OR IDENTIFIE?? OR INDENTIFICAT? OR EVALUAT? OR SENS-
              ??? OR JUDGE?????)
S24
        40461
                 (ERROR? ? OR S18)(3N)(JUDG????? OR RECOGNIT? OR RECOGNIZ? -
             OR RECOGNIS? OR INSPECT???? OR MONITOR? OR TRACK? OR TEST???)
                 (ERROR? ? OR S18)(3N)(FILTER??? OR FILTRE? OR FILTRATION?)
S25
        11520
S26
         1318
                 (TROUBLESHOOT? OR TROUBLE()SHOOT???)(3N)(S5:S9 OR ERROR? ?
             OR S18)
S27
        14672
                 ($10:$17 OR $19:$26)(3N)(CODE? ? OR CODING OR PROGRAMCOD? -
             OR PROGRAM? ? OR PROGRAMME OR PROGRAMMES OR SUBPROGRAM? OR RO-
             UTINE? ?)
S28
        13079
                 ($10:$17 OR $19:$26)(3N)(SUBROUTINE? OR MICROCOD? OR SOURC-
             ECOD? OR INSTRUCTION? OR PROCEDURE? OR FUNCTION? ? OR SCRIPT?
S29
                S4(3N)(CODE? ? OR CODING OR PROGRAMCOD? OR PROGRAM? ? OR P-
             ROGRAMME OR PROGRAMMES OR SUBPROGRAM? OR ROUTINE? ?)
s30
         1000
                S4(3N)(SUBROUTINE? OR MICROCOD? OR SOURCECOD? OR INSTRUCTI-
             ON? OR PROCEDURE? OR FUNCTION? ? OR SCRIPT? ?)
S31
         2641
                (S3 OR S27:S30)(8N)(BASING OR BASE? ? OR BASIS)
```

```
S32
                  (S3 OR S27:S30)(8N)(GENERAT???? OR SOURCE OR SOURCES OR OR-
          4622
               IGINAT? OR PROPAGAT? OR PRODUCE? ? OR PRODUCING OR PRODUCTION?
S33
          1205
                   (S3 OR S27:S30)(8N)(PROD? ? OR CREAT???? OR SYNTHESI? OR D-
               ERIV??? OR DERIVATION? ?)
S34
           205
                  S31:S33(15N)S1:S2
S35
           190
                  S34 NOT (PROTEIN? ? OR ACID? ? OR DNA OR RNA OR ENZYME? ?)
                  IC='G06F-011
S36
         10634
                  IC='G06F-0011'
S37
          1679
                  IC='G06F-012'
S38
          8698
                  IC='G06F-0012'
539
          1603
S40
            31
                  S35 AND S36:S39
          4651
S41
                  DUT OR DUTS OR DEVICE? ?()UNDER()TEST???
                  CHIP? ? OR MICROCHIP? ? OR SILICONCHIP? OR COMPUTERCHIP? OR
S42
        185711
                MICROCIRCUIT?
S43
       1100981
                  DIE OR DIES OR DICE OR DICES OR (SI OR SILICON)()BLOCK? ?
              ASIC OR ASICS OR PCB OR PCBS OR SOC OR SOCS
CIRCUIT? OR CKT? ? OR WAFER? ? OR IC OR ICS OR ICC OR ICCS
OR SEMICOND? ? OR SEMICONDUCT??
S44
        137335
        779493
S45
546
        364644
                  FET OR FETS OR FED OR FEDS OR MOS OR CMOS OR JFET? OR MOSF-
               ET? OR FIELD()EFFECT? ?()(DEVICE? ? OR TRANSIST?R? ?)
              FLASHMEMOR? OR FLASHSTOR? OR PROM OR PROMS OR ROM OR ROMS - OR EPROM? ? OR EPROM? ? OR E2PROM? ? OR
S47
        188431
                EAROM? ? OR EAPROM? OR CDROM? ?
                  NVM? ? OR NVS OR NVRAM?
          3265
S48
                (NONVOLATILE OR NON() VOLATILE OR NV OR FLASH) (1W) (MEMOR? OR STOR??? OR LOCATION? ? OR AREA? ? OR RAM? ? OR RAS)
S49
         60950
         31250
S50
                  FLASH(1W) (MEMOR? OR STOR??? OR RAM? ?)
S51
            58
                  S35(50N)S41:S50
S52
            27
                  S35(25N) (MEMOR??? OR STORAGE)
            87
S53
                  S40 OR S51:S52
S54
            29
                  S53 AND AC=US/PR AND AY=(1963:2003)/PR
            29
S55
                  S53 AND AC=US AND AY=1963:2003
S56
            29
                  S53 AND AC=US AND AY=(1963:2003)/PR
S57
            67
                  S53 AND PY=1963:2003
S58
            71
                  S54:S57
          4362
S59
                  TPG OR TPGS OR ATPG OR ATPGS OR APGS OR ALPG OR ALP-
              GS
S60
             4
                  S31:S33(25N)S59
             1
                  S60 NOT S53
S61
```

```
File 347: JAPIO Dec 1976-2006/Aug(Updated 061130)
           (c) 2006 JPO & JAPIO
File 348: EUROPEAN PATENTS 1978-2006/ 200652
           (c) 2006 European Patent Office
File 349:PCT FULLTEXT 1979-2006/UB=20061228UT=20061221
           (c) 2006 WIPO/Thomson
File 350:Derwent WPIX 1963-2006/UD=200701 (c) 2007 The Thomson Corporation
Set
         Items
                   Description
                   AU='KUSHIDA K':AU='KUSHIDA K K K H G K'
AU='KUSHIDA KEIICHI'
S1
            220
S2
             19
s3
             54
                   AU='HIRABAYASHI O':AU='HIRABAYASHI O C AUTONETWORKS TECHNO-
               LOGIES LTD'
54
            107
                   AU= 'HIRABAYASHI OSAMU'
S5
                   S1:S2 AND S3:S4
TEST???(2W)PATTERN? ?
              6
         19031
S6
s7
                   S6(15N)(ECC? ? OR ERROR? ? OR EDAC? ? OR EDC? ?)
S1:S4 AND S7
            932
s8
? t8/9/1
```